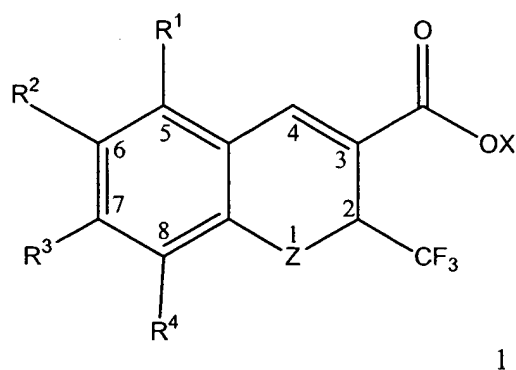


Claims

What is claimed is:

1. A compound of Formula 1



or a pharmaceutically acceptable salt thereof,

wherein:

X is selected from the group consisting of H, alkyl, and a pharmaceutically acceptable cation;

Z is selected from the group consisting of O, S and NH;

R¹, R², R³, and R⁴ are each independently selected from the group consisting of H, alkanoyl, alkenylalkynyl, alkenyloxy, alkoxy, alkoxyalkoxy, alkoxyalkynyl, alkoxyaryl, alkoxyarylalkenyl, alkoxyarylalkyl, alkoxyarylalkynyl, alkoxycarbonylalkyl, alkoxycarbonylaminoalkyl, alkoxycarbonylaminoarylalkyl, alkoxyheteroaryl, alkyl, alkylamino, alkylaminoalkyl, alkylaminoalkynyl, alkylaminoarylalkyl, alkylaryl, alkylarylalkoxy, alkylarylalkyl, alkylarylalkynyl, alkylcarbonylalkyl, alkylcarbonylaminoalkyl, alkylheteroaryl, alkylheteroarylalkyl, alkylheteroarylalkynyl, alkylheterocyclo, alkylthio, alkylthioalkyl, alkylsulfinyl, alkylsulfonyl, alkylsulfonylalkyl, amino, aminoalkyl, aminoalkynyl, aminoarylalkynyl, aminoaryl, aminocarbonylalkenyl, aminocarbonylalkyl, aminosulfonylaryl, aminosulfonylarylalkynyl, araloxyalkynyl, aryl, arylalkyl, arylalkylthio, arylalkynyl, arylaminoalkyl, arylheteroarylalkyl, arylthio, arylthioalkyl, aryloxy, aryloxyalkyl, alkanoylalkyl, alkanoylheteroarylalkyl,

carboxy, carboxyalkoxy, carboxyalkyl, carboxyarylalkyl, cyanoalkyl, cyanoalkynyl, cycloalkoxy, cycloalkyl, cycloalkylalkoxy, cycloalkylalkyl, cycloalkylalkylamino, cycloalkylalkynyl, dialkylamino, diheteroarylalkylaminoalkyl, halo, haloalkyl, haloalkylarylalkynyl, haloalkylhydroxyalkyl, haloarylalkyl, haloarylalkynyl, haloarylcarbonylaminoalkyl, haloheteroarylalkyl, haloheteroarylcarbonylalkyl, heteroaryl, heteroarylalkenyl, heteroarylalkyl, heteroarylalkynyl, heteroarylalkylaminoalkyl, heteroaryloxy, heteroarylhydroxyalkyl, heterocyclo, heterocycloalkoxy, heterocycloalkyl, heterocyclyloxy, heteroarylcarbonylaminoalkyl, hydroxy, hydroxyalkynyl, hydroxyalkyl, hydroxyaryl, hydroxyarylalkynyl, carboxyalkynyl, hydroxycycloalkylalkynyl, nitro, and thio; wherein:

each of aryl and aryloxy, wherever it occurs, is optionally and independently substituted with one to five substituents selected from the group consisting of alkenyl, alkoxy, alkoxycarbonyl, alkoxycarbonylalkenyl, alkoxycarbonylalkyl, alkyl, alkylcarbonyl, alkylcarbonylamino, alkylsulfonylamino, alkylthio, alkynyl, amino, aminoalkyl, aminocarbonyl, aryl, arylalkoxy, arylalkyl, aryloxy, alkanoyl, carboxy, carboxyalkenyl, carboxyalkyl, cyano, cyanoalkyl, cycloalkyl, dialkylamino, halo, haloalkoxy, haloalkyl, haloaryl, hydroxy, hydroxyalkyl, and nitro;

each heteroaryloxy is substituted with one to three substituents selected from the group consisting of alkyl, alkylthio, halo and haloalkyl;

each heteroaryl is substituted with one to three substituents selected from the group consisting of carboxy, haloalkyl, and halo; and

each heterocyclo is optionally substituted with one to three substituents selected from the group consisting of alkyl, alkoxy and oxo; and

wherein R^1 and R^2 together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; R^2 and R^3 together with the atoms to which they are attached optionally form a cycloalkyl ring, a heterocyclo ring or a heteroaryl ring; R^3 and R^4 together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; wherein the cycloalkyl ring and the heteroaryl ring are optionally substituted with one or more alkyl groups, aryl groups, haloaryl groups, arylalkyl groups or heterocyclo groups.

2. The compound of Claim 1 wherein Z is O.

3. The compound of Claim 2 wherein R¹, R², R³, and R⁴ are each independently selected from the group consisting of H, (C₁-C₁₀)-alkanoyl, (C₂-C₁₀)-alkenyl-(C₂-C₁₀)-alkynyl, (C₂-C₁₀)-alkenyloxy, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxy-(C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxy-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkoxyaryl-(C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxyaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkoxyaryl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkoxycarbonyl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkoxycarbonylamino-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkoxycarbonylaminoaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkoxyheteroaryl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylamino, (C₁-C₁₀)-alkylamino-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylamino-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkylaminoaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl-(C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkylaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkylcarbonyl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylcarbonylamino-(C₁-C₁₀)-alkyl, -(C₁-C₁₀)-alkylheteroaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylheteroaryl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkylheterocyclo, -(C₁-C₁₀)-alkylthio, (C₁-C₁₀)-alkylthio-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylsulfinyl, (C₁-C₁₀)-alkylsulfonyl, (C₁-C₁₀)-alkylsulfonyl-(C₁-C₁₀)-alkyl, amino, amino-(C₁-C₁₀)-alkyl, amino-(C₂-C₁₀)-alkynyl, aminoaryl-(C₂-C₁₀)-alkynyl, aminocarbonyl-(C₂-C₁₀)-alkenyl, aminocarbonyl-(C₁-C₁₀)-alkyl, aminosulfonylaryl-(C₂-C₁₀)-alkynyl, araloxy-(C₂-C₁₀)-alkynyl, aryl, aryl-(C₁-C₁₀)-alkylthio, aryl-(C₂-C₁₀)-alkynyl, arylamino-(C₁-C₁₀)-alkyl, arylheteroaryl-(C₁-C₁₀)-alkyl, arylthio, arylthio-(C₁-C₁₀)-alkyl, aryloxy, aryloxy-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkanoyl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkanoylheteroaryl-(C₁-C₁₀)-alkyl, carboxy, carboxy-(C₁-C₁₀)-alkoxy, carboxy-(C₁-C₁₀)-alkyl, carboxyaryl-(C₁-C₁₀)-alkyl, cyano-(C₁-C₁₀)-alkyl, cyano-(C₂-C₁₀)-alkynyl, cyclo-(C₁-C₁₀)-alkoxy, cyclo-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkoxy, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkylamino, cyclo-(C₁-C₁₀)-alkyl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-dialkylamino, diheteroaryl-(C₁-C₁₀)-alkylamino-(C₁-C₁₀)-alkyl, halo, halo-(C₁-C₁₀)-alkyl, halo-(C₁-C₁₀)-alkylaryl-(C₂-C₁₀)-alkynyl, halo-(C₁-C₁₀)-alkylhydroxy-(C₁-C₁₀)-alkyl, haloaryl-(C₁-C₁₀)-alkyl, haloaryl-(C₂-C₁₀)-alkynyl, haloarylcarbonylamino-(C₁-C₁₀)-alkyl, haloheteroaryl-(C₁-C₁₀)-alkyl, haloheteroarylcarbonyl-(C₁-C₁₀)-alkyl, heteroaryl, heteroaryl-(C₂-C₁₀)-alkenyl, heteroaryl-(C₁-C₁₀)-alkyl, heteroaryl-(C₂-C₁₀)-alkynyl,

heteroaryl-(C₁-C₁₀)-alkylamino-(C₁-C₁₀)-alkyl, heteroaryloxy, heteroarylhydroxy-(C₁-C₁₀)-alkyl, heterocyclo, heterocyclo-(C₁-C₁₀)-alkoxy, heterocyclo-(C₁-C₁₀)-alkyl, heterocyclyloxy, heteroarylcarbonylamino-(C₁-C₁₀)-alkyl, hydroxy, hydroxy-(C₁-C₁₀)-alkyl, hydroxy-(C₂-C₁₀)-alkynyl, hydroxyaryl-(C₂-C₁₀)-alkynyl, carboxy-(C₂-C₁₀)-alkynyl, and hydroxycyclo-(C₁-C₁₀)-alkyl-(C₂-C₁₀)-alkynyl, nitro, and thio;

wherein each of aryl and aryloxy, wherever it occurs, is independently substituted with one to five substituents selected from the group consisting of (C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxycarbonyl, (C₁-C₁₀)-alkoxycarbonyl-(C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxycarbonyl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylcarbonyl, (C₁-C₁₀)-alkylcarbonylamino, (C₁-C₁₀)-alkylsulfonylamino, (C₁-C₁₀)-alkylthio, (C₂-C₁₀)-alkynyl, amino, amino-(C₁-C₁₀)-alkyl, aminocarbonyl, aryl, aryl-(C₁-C₁₀)-alkoxy, aryl-(C₁-C₁₀)-alkyl, aryloxy, alkanoyl, carboxy, carboxy-(C₂-C₁₀)-alkenyl, carboxy-(C₁-C₁₀)-alkyl, cyano, cyano-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl, di-(C₁-C₁₀)-alkylamino, halo, halo-(C₁-C₁₀)-alkoxy, halo-(C₁-C₁₀)-alkyl, haloaryl, hydroxy, hydroxy-(C₁-C₁₀)-alkyl, and nitro; wherein:

each heteroaryloxy is substituted with one to three substituents selected from the group consisting of (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylthio, halo and halo(C₁-C₁₀)-alkyl;

each heteroaryl is substituted with one to three substituents selected from the group consisting of carboxy, halo-(C₁-C₁₀)-alkyl, and halo; and

each heterocyclo is optionally substituted with one to three substituents selected from the group consisting of (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkoxy, and oxo; and

wherein R¹ and R² together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; R² and R³ together with the atoms to which they are attached optionally form a cyclo-(C₁-C₁₀)-alkyl ring, a heterocyclo ring or a heteroaryl ring; R³ and R⁴ together with the atoms to which they are attached optionally form a cyclo-(C₁-C₁₀)-alkyl ring or a heteroaryl ring; wherein the cyclo-(C₁-C₁₀)-alkyl ring and the heteroaryl ring are optionally substituted with one or more (C₁-C₁₀)-alkyl groups, aryl groups, haloaryl groups, aryl-(C₁-C₁₀)-alkyl groups or heterocyclo groups.

4. The compound of Claim 2 wherein R^1 , R^2 , R^3 , and R^4 are each independently selected from the group consisting of H, (C₂-C₁₀)-alkenyl-(C₂-C₁₀)-alkynyl, (C₂-C₁₀)-alkenyloxy, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxy-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkoxyheteroaryl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkylheteroaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylheteroaryl-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkylsulfonyl-(C₁-C₁₀)-alkyl, aminoaryl-(C₂-C₁₀)-alkynyl, aryl-(C₂-C₁₀)-alkynyl, alkanoylheteroaryl-(C₁-C₁₀)-alkyl, cyano-(C₁-C₁₀)-alkyl, cyano-(C₂-C₁₀)-alkynyl, cyclo-(C₁-C₁₀)-alkoxy, cyclo-(C₁-C₁₀)-alkyl(C₁-C₁₀)-alkoxy, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkylamino, halo, halo-(C₁-C₁₀)-alkylaryl-(C₂-C₁₀)-alkynyl, haloaryl-(C₁-C₁₀)-alkyl, haloaryl-(C₂-C₁₀)-alkynyl, haloarylcarbonylamino-(C₁-C₁₀)-alkyl, heteroaryl-(C₁-C₁₀)-alkyl, heteroaryl-(C₂-C₁₀)-alkynyl, heteroaryloxy, heterocyclo, hydroxy, hydroxy-(C₂-C₁₀)-alkynyl, hydroxyaryl-(C₂-C₁₀)-alkynyl, and hydroxycyclo-(C₁-C₁₀)-alkyl-(C₂-C₁₀)-alkynyl; wherein each of aryl and aryloxy, wherever it occurs, is independently substituted with one to five substituents selected from the group consisting of: (C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxycarbonyl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylthio, (C₂-C₁₀)-alkynyl, amino, aryl-(C₁-C₁₀)-alkyl, alkanoyl, carboxy-(C₁-C₁₀)-alkyl, cyano, cyano-(C₁-C₁₀)-alkyl, halo, halo-(C₁-C₁₀)-alkoxy, halo-(C₁-C₁₀)-alkyl, and hydroxy-(C₁-C₁₀)-alkyl; and wherein:
- each heteroaryloxy is optionally substituted with one to three substituents selected from the group consisting of: (C₁-C₁₀)-alkyl, and halo; and
- each heteroaryl is substituted with one to three substituents selected from the group consisting of: halo-(C₁-C₁₀)-alkyl, and halo; and
- wherein R^1 and R^2 together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; R^2 and R^3 together with the atoms to which they are attached optionally form a cyclo-(C₁-C₁₀)-alkyl ring or a heteroaryl ring; R^3 and R^4 together with the atoms to which they are attached optionally form a cyclo-(C₁-C₁₀)-alkyl ring or a heteroaryl ring; wherein the cyclo-(C₁-C₁₀)-alkyl ring and the heteroaryl ring are optionally substituted with one or more (C₁-C₁₀)-alkyl groups.

5. The compound of Claim 2 wherein R^1 , R^2 , R^3 , and R^4 are each independently selected from the group consisting of H, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxy-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkoxy, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylsulfonyl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkylamino, halo, haloaryl-(C₁-C₁₀)-alkyl, haloaryl-(C₂-C₁₀)-alkynyl, heteroaryl-(C₁-C₁₀)-alkyl, heteroaryloxy, and heterocyclo;

wherein aryl, wherever it occurs, and aryloxy, wherever it occurs, are substituted with one to five substituents selected from the group consisting of: (C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylthio, (C₂-C₁₀)-alkynyl, amino, cyano, halo, halo-(C₁-C₁₀)-alkoxy, halo-(C₁-C₁₀)-alkyl, and hydroxy-(C₁-C₁₀)-alkyl;

wherein heteroaryl, wherever it occurs, is substituted with one to three substituents selected from the group consisting of: halo-(C₁-C₁₀)-alkyl, and halo.

6. The compound of Claim 2 wherein R^1 , R^2 , R^3 , and R^4 are each independently selected from the group consisting of H, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkoxy-(C₂-C₁₀)-alkynyl, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylaryl-(C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylsulfonyl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₁₀)-alkyl-(C₁-C₁₀)-alkoxy, halo, haloaryl-(C₁-C₁₀)-alkyl, haloaryl-(C₂-C₁₀)-alkynyl, heteroaryl-(C₁-C₁₀)-alkyl, and heterocyclo; and

wherein each of aryl and aryloxy, wherever it occurs, is optionally substituted with one to five substituents selected from the group consisting of (C₂-C₁₀)-alkenyl, (C₁-C₁₀)-alkoxy, (C₁-C₁₀)-alkyl, (C₁-C₁₀)-alkylthio, (C₂-C₁₀)-alkynyl, cyano, halo, and halo-(C₁-C₁₀)-alkoxy.

7. The compound of Claim 6 wherein R^1 , R^2 , R^3 , and R^4 are each independently selected from the group consisting of H, (C₁-C₈)-alkoxy, (C₁-C₈)-alkoxy-(C₂-C₈)-alkynyl, (C₁-C₈)-alkyl, (C₁-C₈)-alkylaryl-(C₁-C₈)-alkyl, (C₁-C₈)-alkylsulfonyl-(C₁-C₈)-alkyl, cyclo-(C₁-C₈)-alkyl-(C₁-C₈)-alkoxy, halo, haloaryl-(C₁-C₈)-alkyl, haloaryl-(C₂-C₈)-alkynyl, heteroaryl-(C₁-C₈)-alkyl, and heterocyclo; and

wherein each of aryl and aryloxy, wherever it occurs, is optionally substituted with one to five substituents selected from the group consisting of (C₂-C₈)-alkenyl,

(C₁-C₈)-alkoxy, (C₁-C₈)-alkyl, (C₁-C₈)-alkylthio, (C₂-C₈)-alkynyl, cyano, halo, and halo-(C₁-C₈)-alkoxy.

8. The compound of Claim 7 wherein R¹, R², R³, and R⁴ are each independently selected from the group consisting of H, (C₁-C₅)-alkoxy, (C₁-C₅)-alkoxy-(C₂-C₅)-alkynyl, (C₁-C₅)-alkyl, (C₁-C₅)-alkylaryl-(C₁-C₅)-alkyl, methylsulfonyl-(C₁-C₁₀)-alkyl, cyclo-(C₁-C₅)-alkyl-(C₁-C₅)-alkoxy, halo, haloaryl-(C₁-C₅)-alkyl, haloaryl-(C₂-C₅)-alkynyl, heteroaryl-(C₁-C₅)-alkyl, and heterocyclo; and

wherein each of aryl and aryloxy, wherever it occurs, is optionally substituted with one to five substituents selected from the group consisting of (C₂-C₅)-alkenyl, (C₁-C₅)-alkoxy, (C₁-C₅)-alkyl, (C₁-C₅)-alkylthio, (C₂-C₅)-alkynyl, cyano, halo, and halo-(C₁-C₅)-alkoxy.

9. The compound of Claim 4 selected from the group consisting of

7-(4-bromophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(thien-2-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyano-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(2-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,3-benzodioxol-5-yloxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(4-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(trifluoromethoxy)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dibromophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[2-chloro-4-(trifluoromethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-iodo-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-chlorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methyl-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(allyloxy)-5,7-dichloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-methylbut-3-en-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopropylmethoxy)-8-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4,5-difluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-5-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-methylphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(ethylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-[[8-(trifluoromethyl)quinolin-4-yl]oxy]-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-cyclohexylethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(hydroxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,5-dichloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclohexylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[(1E)-oct-1-enyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-6-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methoxy-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-amino-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-methylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[(3-aminophenyl)ethynyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-(3,5-dimethylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

9-chloro-6-(trifluoromethyl)-6H-[1,3]dioxolo[4,5-g]chromene-7-carboxylic acid;

6-chloro-8-(5-cyanopent-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7,7-dimethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-3-carboxylic acid;

6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[4-(2-carboxyethyl)phenoxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-amino-4-methylphenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-(3-formylphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-methoxyprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-hydroxyphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-formylphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(methoxycarbonyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-piperidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-methyl-2-(trifluoromethyl)-1,2-dihydroquinoline-3-carboxylic acid;

6-chloro-7-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(4-aminophenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate

6-chloro-7-(3-chloro-2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(1-bromo-2-naphthyl)oxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(6-methoxypyridin-3-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(7-chloro-2,3-dihydro-1H-inden-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(cyanomethyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(1-hydroxycyclopentyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-bromo-6-methyl-2-(trifluoromethyl)-1,2-dihydroquinoline-3-carboxylic acid;

6-(3-aminophenyl)-8-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-aminophenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

8-[(4-aminophenyl)ethynyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-(4-methylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-chloro-2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-propyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-{2-methoxy-4-[(1E)-prop-1-enyl]phenoxy}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(4-amino-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7,7-dimethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-3-carboxylic acid;

6-chloro-8-(4-hydroxybut-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-allyl-2-methoxyphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(2,4-dimethoxypyrimidin-5-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1H-pyrazol-1-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(pyridin-2-ylethynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-isopropyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-2-(trifluoromethyl)-8-[[3-(trifluoromethyl)phenyl]ethynyl]-2H-chromene-3-carboxylic acid;

6-chloro-7-[(3-chloro-1,1'-biphenyl-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-iodo-6-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-oxopyridin-1(2H)-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-(cyclohexyloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-hydroxy-8-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1-cyano-1-methylethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1H-imidazol-1-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-2-(trifluoromethyl)-8-[(1,3,5-trimethyl-1H-pyrazol-4-yl)ethynyl]-2H-chromene-3-carboxylic acid;

6-chloro-7-{2-[(4-chlorobenzoyl)amino]-1,1-dimethylethyl}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[3-amino-5-(methoxycarbonyl)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-[4-(hydroxymethyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-ethyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-2-(trifluoromethyl)-7-(2,3,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-hydroxy-3-methylpent-4-en-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(2,4,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-3,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(1-methyl-1-phenylethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-methoxy-6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(2,3,6-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

6-chloro-7-{2-chloro-5-[4-chloro-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl]-4-fluorophenoxy}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4-methoxy-1-naphthyl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-isopropyl-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-dichlorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; and

6-chloro-2-(trifluoromethyl)-7-(3,4,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

or their isomer and pharmaceutically acceptable salt thereof.

10. The compound of Claim 5 selected from the group consisting of

7-(4-bromophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(thien-2-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyano-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(2-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,3-benzodioxol-5-yloxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(4-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(trifluoromethoxy)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dibromophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[2-chloro-4-(trifluoromethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-iodo-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-chlorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methyl-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(allyloxy)-5,7-dichloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-methylbut-3-en-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopropylmethoxy)-8-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4,5-difluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-5-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-methylphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(ethylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-[[8-(trifluoromethyl)quinolin-4-yl]oxy]-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-cyclohexylethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(hydroxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,5-dichloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclohexylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[(1E)-oct-1-enyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-6-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methoxy-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-amino-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-methylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; and

6-chloro-7-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

or their isomer and pharmaceutically acceptable salt thereof.

11. The compound of Claim 6 selected from the group consisting of

7-(4-bromophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(thien-2-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyano-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(2-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; and

6,8-dichloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

or their isomer and pharmaceutically acceptable salt thereof.

12. The compound of Claim 1 selected from the group consisting of

7-[(butyrylamino)methyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-(cyclohexyloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclohexylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,1-dimethyl-2-oxoethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1-carboxy-1-methylethyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1-cyano-1-methylethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

9-chloro-6-(trifluoromethyl)-6H-[1,3]dioxolo[4,5-g]chromene-7-carboxylic acid;

7-{2-[(tert-butoxycarbonyl)amino]-1,1-dimethylethyl}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[1,1-dimethyl-2-(propylamino)ethyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-[1,1-dimethyl-2-(propylamino)ethyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

(2R)-6-chloro-7-(1,1-dimethylpentyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-{2-[(4-chlorobenzoyl)amino]-1,1-dimethylethyl}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-pyrrolidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-piperidin-1-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-cyclopropyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-cyclopropyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-propyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-(1H-imidazol-1-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-[(2-methyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate hydrochloride;

6-chloro-7-[(2-isopropyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

7-(1H-benzimidazol-1-ylmethyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-[(2-ethyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-5-[(2-ethyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-7-[(4,5-dichloro-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-5-[(4,5-dichloro-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(phenoxymethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-oxopyridin-1(2H)-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(2-oxopyridin-1(2H)-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1H-pyrazol-1-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-(1H-pyrazol-1-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chloro-2-oxopyridin-1(2H)-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(thien-2-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7,7-dimethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-3-carboxylic acid;

6-chloro-7,7-dimethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-3-carboxylic acid;

6-chloro-7-[(2-phenyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-(3-aminophenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(6-methoxypyridin-3-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(2,4-dimethoxypyrimidin-5-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(3-aminophenyl)-8-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-(6-methoxypyridin-3-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-(2,4-dimethoxypyrimidin-5-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-[(1E)-3-amino-3-oxoprop-1-enyl]-8-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[(1E)-oct-1-enyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[(E)-2-(4-methoxyphenyl)ethenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-[(E)-2-(1H-imidazol-1-yl)ethenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-(3-oxobutyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(4-methylphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-hydroxybut-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(1-hydroxycyclopentyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[3-(dimethylamino)prop-1-ynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[3-(methylamino)prop-1-ynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

8-(3-amino-3-ethylpent-1-ynyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

8-[(4-aminophenyl)ethynyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-[(3-methoxyphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-hydroxyprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-aminoprop-1-ynyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-8-[(3-hydroxyphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-hydroxypent-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-methoxyprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(carboxyethynyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-methylphenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-8-[[3-(trifluoromethyl)phenyl]ethynyl]-2H-chromene-3-carboxylic acid;

8-[(3-aminophenyl)ethynyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

6-chloro-8-(3-cyclopentylprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-phenylbut-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-phenoxyprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-hydroxy-3-methylpent-4-en-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(pyridin-2-ylethynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(4-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(2-chlorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[(4-bromo-2-fluorophenyl)ethynyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-8-[(1,3,5-trimethyl-1H-pyrazol-4-yl)ethynyl]-2H-chromene-3-carboxylic acid;

6-chloro-8-(5-cyanopent-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(2-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[(3-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[3-(trifluoromethoxy)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-formylphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-formylphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(ethylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[2-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-carboxyphenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(1,1'-biphenyl-4-yl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-amino-4-methylphenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-[4-(methoxycarbonyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[3-amino-4-(methoxycarbonyl)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-[4-(hydroxymethyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[4-(aminomethyl)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-{4-[(1E)-3-methoxy-3-oxoprop-1-enyl]phenyl}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(cyanomethyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-formyl-4-methoxyphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-{3-[(E)-2-carboxyethenyl]phenyl}-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(4-carboxyphenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[3-(acetylamino)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[4-(trifluoromethoxy)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[4-(2-carboxyethyl)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(3-acetylphenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-{4-[(methylsulfonyl)amino]phenyl}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-[3-(ethoxycarbonyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[4-(acetylamino)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(4-phenoxyphenyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(4-aminophenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

8-(3-aminophenyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-8-[4-(ethoxycarbonyl)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[3-amino-5-(methoxycarbonyl)phenyl]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-(2-chloro-4,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(2,3,6-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[4-(aminocarbonyl)phenoxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(7-chloro-2,3-dihydro-1H-inden-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5,6,7,8-tetrahydronaphthalen-2-yloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(mesityloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dichloro-6-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(3,4,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(2,3,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

7-(3-tert-butylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-isopropyl-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,3-dihydro-1H-inden-5-yloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-methylquinolin-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(6-methylpyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-butoxyphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(1,3-benzodioxol-5-yloxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,4-dimethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[4-(benzyloxy)phenoxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluoro-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4-methoxy-1-naphthyl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-3-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-3-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(2-bromopyridin-3-yl)oxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-3,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-dichlorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-{2-chloro-5-[4-chloro-1-methyl-5-(trifluoromethyl)-1H-pyrazol-3-yl]-4-fluorophenoxy}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4-dibromophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,4,5-trichlorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,4-dichlorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(1-bromo-2-naphthyl)oxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-5-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-bromo-4,5-difluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3,5-dichloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyano-2-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(3-chloro-4-cyanophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(quinolin-2-yloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4-methylquinolin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-iodo-6-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(isoquinolin-3-yloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chloropyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(2-bromopyridin-3-yl)oxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-{[8-(trifluoromethyl)quinolin-4-yl]oxy}-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-isopropyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-propylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[2-chloro-5-(trifluoromethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-chloro-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[2-fluoro-5-(trifluoromethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluoro-5-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-chloro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(5-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[2-chloro-4-(trifluoromethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-benzylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(3-chloro-1,1'-biphenyl-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(2-methoxyethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-iodo-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-chlorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-2-(trifluoromethyl)-7-(2,4,5-trimethylphenoxy)-2H-chromene-3-carboxylic acid;

7-(4-bromo-2-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(1-methyl-1-phenylethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4'-chloro-1,1'-biphenyl-4-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyclopentylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-{2-methoxy-4-[(1E)-prop-1-enyl]phenoxy}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-isopropylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methoxy-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(2-hydroxyethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-sec-butylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-tert-butyl-2-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-allyl-2-methoxyphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-carboxy-2-chlorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-bromophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(methoxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(hydroxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[4-(2-carboxyethyl)phenoxy]-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(3-methoxy-3-oxopropyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5,6-dichloro-7-(3-chloro-4-ethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-fluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-butyl-2-methylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-ethynyl-2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methyl-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-chloro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2,5-difluoro-4-vinylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(4-cyano-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-methoxy-6-(6-methoxypyridin-3-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-methoxy-6-[4-(methylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(3-aminophenyl)-7-methoxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(2,4-dimethoxypyrimidin-5-yl)-7-methoxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-[3-(hydroxymethyl)phenyl]-7-methoxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-methoxy-6-(phenylethynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-hydroxy-6-iodo-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-ethyl-7-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(cyclopentylmethoxy)-6-ethyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(cyclobutylmethoxy)-6-ethyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-ethyl-7-[(4-methylbenzyl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-ethyl-7-{{2-(methylthio)pyrimidin-4-yl}oxy}-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-chloro-6-ethyl-7-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5,8-dichloro-6-ethyl-7-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-chloro-6-ethyl-7-hydroxy-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(allyloxy)-5,7-dichloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 6-chloro-8-[(2-fluorophenyl)ethynyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(5-fluoro-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(2,5-dimethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-ethoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(2-chloro-4-ethylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-ethyl-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-ethynyl-2,5-difluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-cyano-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

8-(2-fluoro-4-nitrophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(4-amino-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

8-(4-amino-2-fluorophenoxy)-4-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

8-(4-amino-3,5-dichloro-2-fluorophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

7-(4-amino-2-fluorophenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopentylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(2-methoxyethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-8-(3-methylbut-3-en-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-{{4-(aminosulfonyl)phenyl}ethynyl}-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclopropylmethoxy)-8-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-hydroxy-8-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 6-chloro-7-(4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

8-Bromo-6-methyl-2-(trifluoromethyl)-1,2-dihydroquinoline-3-carboxylic acid;

6-chloro-8-methyl-2-(trifluoromethyl)-1,2-dihydroquinoline-3-carboxylic acid;

6-(4-fluorophenyl)-2-(trifluoromethyl)-1,2-dihydroquinoline-3-carboxylic acid;

7-(2-fluoro-4-nitrophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(2-methoxyethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(carboxymethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(benzylthio)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3,5-dimethylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3-methylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-methylpiperidin-1-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-azetidin-1-yl-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(3,4-difluorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(4-fluorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(2-cyclohexylethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-[2-(4-chlorophenyl)ethyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(2-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-chlorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-chloro-2-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-methoxybenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3-chloro-4-methoxybenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(5-chloro-2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3-chloro-2,4-dimethylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(3-methoxybenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3-chloro-4-methylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(3,4-difluorobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-formyl-2-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-formyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(2-bromo-4-formylphenoxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(4-formylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
6-chloro-7-(2-ethoxy-4-formylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(4-formyl-2-methoxyphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(4-formyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(4-formylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(2-ethoxy-4-formylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-[(6-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
7-(4-cyanophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

2-(trifluoromethyl)-7-[[8-(trifluoromethyl)quinolin-4-yl]oxy]-2H-chromene-3-carboxylic acid;

7-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(4-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(3-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(4-methoxyphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(4-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(3-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(phenylthio)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(3-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(3-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-(1,3-benzodioxol-5-yloxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-(4-formyl-2-methylphenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(4-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(3-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(4-methoxyphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(4-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(3-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-(phenylthio)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[(4-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[(3-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[(4-methoxyphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[(4-methylphenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-[(3-chlorophenyl)thio]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-(phenylthio)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-[4-(hydroxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-[(6-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-(4-cyanophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-5-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[4-(hydroxymethyl)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-(4-cyanophenoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-5-[(5-chloropyridin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-ethylpyrimidin-2-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-azido-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

5-amino-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-methyl-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-methyl-7-[(2-methylpyridin-3-yl)oxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

3-(4-bromophenyl)-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

1-(4-bromophenyl)-7-(trifluoromethyl)-7H-furo[3,2-f]chromene-8-carboxylic acid;

1-tert-butyl-7-(trifluoromethyl)-7H-furo[3,2-f]chromene-8-carboxylic acid;

3-tert-butyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

2-(2-methylphenyl)-7-(trifluoromethyl)-7H-furo[3,2-g]chromene-6-carboxylic acid;

2-(2-phenylethyl)-7-(trifluoromethyl)-7H-furo[3,2-g]chromene-6-carboxylic acid;

2-(cyclopentylmethyl)-7-(trifluoromethyl)-7H-furo[3,2-g]chromene-6-carboxylic acid;

7-hydroxy-6-(3-methoxyprop-1-ynyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-7-(1,3-benzodioxol-5-yloxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-7-(1,3-benzodioxol-5-yloxy)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-6-chloro-7-[4-(methylthio)phenoxy]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-6-(allyloxy)-5,7-dichloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-(allyloxy)-5,7-dichloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-8-but-1-ynyl-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-8-but-1-ynyl-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-6-chloro-8-[4-(ethylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2R)-6-chloro-8-[4-(ethylthio)phenyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6,8-dichloro-7-(cyclohexylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

(2S)-6,8-dichloro-7-(cyclohexylmethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2,6-dimethylpiperidin-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; trifluoroacetate;

6-chloro-7-[(2,5-dimethylpyrrolidin-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; trifluoroacetate;

6-chloro-7-[(5-methylpyridin-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; trifluoroacetate;

6-chloro-7-[(4-methylpyridin-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; trifluoroacetate;

6-chloro-7-[(6-methylpyridin-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid; trifluoroacetate;

6-chloro-7-[(5-methoxypyridin-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-(4-formylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-{4-[(tert-butoxycarbonyl)amino]benzyl}-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-aminobenzyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-[4-(hydroxymethyl)benzyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-acetylbenzyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(4-carboxybenzyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[4-(dimethylamino)benzyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-(pyrimidin-5-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid dihydrochloride;

7-(4-aminobenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-formyl-6-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-methyl-8-(phenoxymethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-methyl-8-[(phenylthio)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(anilinomethyl)-6-methyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-methyl-8-[(methylthio)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-methyl-8-(2,2,2-trifluoro-1-hydroxyethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(isobutylsulfinyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(isobutylsulfonyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(cyclohexylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-(cyclohexylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

4,6-dichloro-7-(cyclohexylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(6-chloropyridin-3-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-[(6-chloropyridin-3-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

4,6-dichloro-7-cyclohexyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-benzyl-6-(4-cyanobutyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

7-benzyl-6-(4-oxobutyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(5-amino-5-oxopentyl)-7-benzyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-methyl-2-(trifluoromethyl)-2H-chromene-3,6-dicarboxylic acid;

8-(aminomethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate;

8-(pyridin-2-ylethynyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(pyridin-3-ylethynyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(pyridin-4-ylethynyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(2-pyridin-2-ylethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(2-pyridin-3-ylethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(2-pyridin-4-ylethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-[(2-{3-carboxy-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromen-8-yl}ethyl)amino)methyl]-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid trifluoroacetate,

8-(1,2-dihydroxyethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(1,2-dihydroxyethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

8-(carboxymethyl)-6-(trifluoromethoxy)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 6-chloro-7-(cyclohexylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 6-chloro-7-(4-formylbenzyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

sodium 9-chloro-6-(trifluoromethyl)-6H-[1,3]dioxolo[4,5-g]chromene-7-carboxylate;

6-chloro-7-thiomorpholin-4-yl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(trifluoromethyl)-3,6-dihydro-2H-furo[2,3-g]chromene-7-carboxylic acid;

sodium 6-chloro-7-(thien-2-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

7-{2-[bis(thien-3-ylmethyl)amino]-1,1-dimethylethyl}-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid hydrochloride;

9-chloro-6-(trifluoromethyl)-3,6-dihydro-2H-furo[2,3-g]chromene-7-carboxylic acid;

sodium 6-(trifluoromethyl)-3,6-dihydro-2H-furo[2,3-g]chromene-7-carboxylate;

7-(trifluoromethyl)-2,3-dihydro-7H-furo[3,2-g]chromene-6-carboxylic acid;

6-chloro-7-[hydroxy(thien-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(4-chloro-1H-pyrazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

9-chloro-6-(trifluoromethyl)-3,6-dihydro-2H-furo[2,3-g]chromene-7-carboxylate;

4-chloro-7-(trifluoromethyl)-2,3-dihydro-7H-furo[3,2-g]chromene-6-carboxylic acid;

6-chloro-7-[hydroxy(1,3-thiazol-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-(1-oxidothiomorpholin-4-yl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylate;

6-chloro-7-[(5-methylthien-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-carboxylate;

7-(trifluoromethyl)-2,3-dihydro-7H-[1,4]dioxino[2,3-g]chromene-8-carboxylic acid;

4-methyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

4-methyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

4-methyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylic acid;

2-(trifluoromethyl)-2,6,7,8-tetrahydrocyclopenta[g]chromene-3-carboxylic acid;

6-chloro-7-[(2-propyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(2-propyl-1H-imidazol-1-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

4-methyl-6-(trifluoromethyl)-3,6-dihydro-2H-furo[2,3-g]chromene-7-carboxylic acid;

6-chloro-7-[(5-chlorothien-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

6-chloro-7-[(5-chlorothien-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

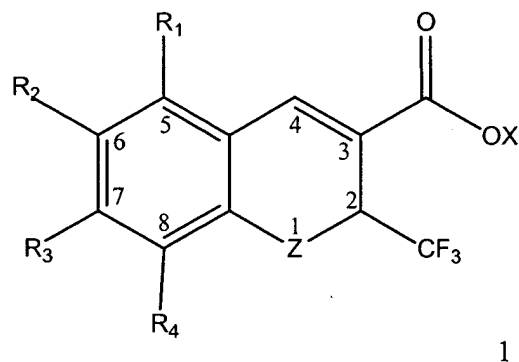
6-chloro-7-[(5-chlorothien-2-yl)methyl]-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;

sodium 4-methyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylate;

sodium 4-methyl-6-(trifluoromethyl)-6H-furo[2,3-g]chromene-7-carboxylate;
 (6S)-9-chloro-6-(trifluoromethyl)-6H-[1,3]dioxolo[4,5-g]chromene-7-
 carboxylic acid;
 (6R)-9-chloro-6-(trifluoromethyl)-6H-[1,3]dioxolo[4,5-g]chromene-7-
 carboxylic acid;
 8-cyclopropyl-6-ethyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
 7-(2-acetylbenzyl)-6-chloro-2-(trifluoromethyl)-2H-chromene-3-carboxylic
 acid;
 sodium (2S)-6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-
 3-carboxylate;
 7-(trifluoromethyl)-7H-furo[3,2-g]chromene-6-carboxylic acid;
 2-(trifluoromethyl)-6,7,8,9-tetrahydro-2H-benzo[g]chromene-3-carboxylic
 acid;
 sodium 8-cyclopropyl-6-ethyl-2-(trifluoromethyl)-2H-chromene-3-
 carboxylate;
 ethyl 6-chloro-8-cyclopropyl-2-(trifluoromethyl)-2H-chromene-3-carboxylate;
 6-chloro-8-cyclopropyl-2-(trifluoromethyl)-2H-chromene-3-carboxylic acid;
 ethyl 8,8-diethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-
 benzo[h]chromene-3-carboxylate;
 8,8-diethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-3-
 carboxylic acid;
 8,8-dimethyl-2-(trifluoromethyl)-7,8,9,10-tetrahydro-2H-benzo[h]chromene-
 3-carboxylic acid;
 6-chloro-7-{1,1-dimethyl-2-[(thien-3-ylcarbonyl)amino]ethyl}-2-
 (trifluoromethyl)-2H-chromene-3-carboxylic acid;
 (2R)-6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-
 carboxylic acid; and
 (2S)-6-chloro-7-(thien-3-ylmethyl)-2-(trifluoromethyl)-2H-chromene-3-
 carboxylic acid;
 or their isomer and pharmaceutically acceptable salt thereof.

13. The compound of Claim 1 having an S-absolute configuration at the 2-carbon of Formula 1.
14. The compound of Claim 1 having an R-absolute configuration at the 2-carbon of Formula 1.
15. The compound of Claim 1 having a mixture of S- and R-absolute configuration at the 2-carbon of Formula 1.
16. The compound of Claim 15 wherein the compound is racemic.
17. The compound of Claim 1 wherein X is H.
18. The compound of Claim 1 wherein X is a pharmaceutically acceptable cation.
19. The compound of Claim 1 wherein the pharmaceutically acceptable cation selected from the group consisting of an ammonium cation, an alkylammonium cation, a dialkylammonium cation, a trialkylammonium cation, a tetraalkylammonium cation, an alkali metal cation, and an alkaline earth cation.
- 20.. The compound of Claim 19 wherein the pharmaceutically acceptable cation is an alkali metal cation.
21. The compound of Claim 20 wherein the alkali metal cation is selected from the group consisting of sodium and potassium.
22. The compound of Claim 21 wherein the alkali metal cation is sodium.
23. The compound of Claim 22 wherein the alkali metal cation is potassium.
24. The compound of Claim 19 wherein the pharmaceutically acceptable cation is an alkaline earth metal cation.

25. The compound of Claim 24 wherein the alkaline earth metal cation is calcium.
26. The compound of Claim 25 wherein the alkaline earth metal cation is magnesium.
27. A pharmaceutical composition comprising a compound of Formula 1



or a pharmaceutically acceptable salt thereof,

wherein:

X is selected from the group consisting of H, alkyl, and a pharmaceutically acceptable cation;

Z is selected from the group consisting of O, S and NH;

R¹, R², R³, and R⁴ are each independently selected from the group consisting of H, alkanoyl, alkenylalkynyl, alkenyloxy, alkoxy, alkoxyalkoxy, alkoxyalkynyl, alkoxyaryl, alkoxyarylalkenyl, alkoxyarylalkyl, alkoxyarylalkynyl, alkoxycarbonylalkyl, alkoxycarbonylaminoalkyl, alkoxycarbonylaminoarylalkyl, alkoxyheteroaryl, alkyl, alkylamino, alkylaminoalkyl, alkylaminoalkynyl, alkylaminoarylalkyl, alkylaryl, alkylarylalkoxy, alkylarylalkyl, alkylarylalkynyl, alkylcarbonylalkyl, alkylcarbonylaminoalkyl, alkylheteroaryl, alkylheteroarylalkyl, alkylheteroarylalkynyl, alkylheterocyclo, alkylthio, alkylthioalkyl, alkylsulfinyl, alkylsulfonyl, alkylsulfonylalkyl, amino, aminoalkyl, aminoalkynyl, aminoarylalkynyl, aminoaryl, aminocarbonylalkenyl, aminocarbonylalkyl, aminosulfonyl, aminosulfonylalkyl, aminosulfonylalkynyl, araloxyalkynyl, aryl, arylalkyl,

arylalkylthio, arylalkynyl, arylaminoalkyl, arylheteroarylalkyl, arylthio, arylthioalkyl, aryloxy, aryloxyalkyl, carbonylalkyl, carbonylheteroarylalkyl, carboxy, carboxyalkoxy, carboxyalkyl, carboxyarylalkyl, cyanoalkyl, cyanoalkynyl, cycloalkoxy, cycloalkyl, cycloalkylalkoxy, cycloalkylalkyl, cycloalkylalkylamino, cycloalkylalkynyl, dialkylamino, diheteroarylalkylaminoalkyl, halo, haloalkyl, haloalkylarylalkynyl, haloalkylhydroxyalkyl, haloarylalkyl, haloarylalkynyl, haloarylcarbonylaminoalkyl, haloheteroarylalkyl, haloheteroarylcarbonylalkyl, heteroaryl, heteroarylalkenyl, heteroarylalkyl, heteroarylalkynyl, heteroarylalkylaminoalkyl, heteroaryloxy, heteroarylhydroxyalkyl, heterocyclo, heterocycloalkoxy, heterocycloalkyl, heterocyclyloxy, heteroarylcarbonylaminoalkyl, hydroxy, hydroxyalkynyl, hydroxyalkyl, hydroxyaryl, hydroxyarylalkynyl, carboxyalkynyl, hydroxycycloalkylalkynyl, nitro, and thio; wherein:

each of aryl and aryloxy, wherever it occurs, is optionally and independently substituted with one to five substituents selected from the group consisting of alkenyl, alkoxy, alkoxycarbonyl, alkoxycarbonylalkenyl, alkoxycarbonylalkyl, alkyl, alkylcarbonyl, alkylcarbonylamino, alkylsulfonylamino, alkylthio, alkynyl, amino, aminoalkyl, aminocarbonyl, aryl, arylalkoxy, arylalkyl, aryloxy, alkanoyl, carboxy, carboxyalkenyl, carboxyalkyl, cyano, cyanoalkyl, cycloalkyl, dialkylamino, halo, haloalkoxy, haloalkyl, haloaryl, hydroxy, hydroxyalkyl, and nitro;

each heteroaryloxy is substituted with one to three substituents selected from the group consisting of alkyl, alkylthio, halo and haloalkyl;

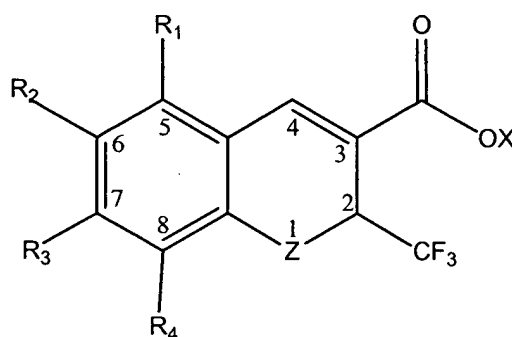
each heteroaryl is substituted with one to three substituents selected from the group consisting of carboxy, haloalkyl, and halo; and

each heterocyclo is optionally substituted with one to three substituents selected from the group consisting of alkyl, alkoxy and oxo; and

wherein R^1 and R^2 together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; R^2 and R^3 together with the atoms to which they are attached optionally form a cycloalkyl ring, a heterocyclo ring or a heteroaryl ring; R^3 and R^4 together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; wherein the cycloalkyl ring and

the heteroaryl ring are optionally substituted with one or more alkyl groups, aryl groups, haloaryl groups, arylalkyl groups or heterocyclo groups;
and a pharmaceutically acceptable excipient.

28. A method for the treatment or prevention of a COX-2 mediated disorder in a subject in need of such treatment or prevention, wherein the method comprises administering to the subject an amount of a compound of Formula 1



1

or a pharmaceutically acceptable salt thereof,
wherein:

X is selected from the group consisting of H, alkyl, and a pharmaceutically acceptable cation;

Z is selected from the group consisting of O, S and NH;

R¹, R², R³, and R⁴ are each independently selected from the group consisting of H, alkanoyl, alkenylalkynyl, alkenyloxy, alkoxy, alkoxyalkoxy, alkoxyalkynyl, alkoxyaryl, alkoxyarylalkenyl, alkoxyarylalkyl, alkoxyarylalkynyl, alkoxycarbonylalkyl, alkoxycarbonylaminoalkyl, alkoxycarbonylaminoarylalkyl, alkoxyheteroaryl, alkyl, alkylamino, alkylaminoalkyl, alkylaminoalkynyl, alkylaminoarylalkyl, alkylaryl, alkylarylalkoxy, alkylarylalkyl, alkylarylalkynyl, alkylcarbonylalkyl, alkylcarbonylaminoalkyl, alkylheteroaryl, alkylheteroarylalkyl, alkylheteroarylalkynyl, alkylheterocyclo, alkylthio, alkylthioalkyl, alkylsulfinyl, alkylsulfonyl, alkylsulfonylalkyl, amino, aminoalkyl, aminoalkynyl,

aminoarylalkynyl, aminoaryl, aminocarbonylalkenyl, aminocarbonylalkyl, aminosulfonylaryl, aminosulfonylarylalkynyl, araloxyalkynyl, aryl, arylalkyl, arylalkylthio, arylalkynyl, arylaminoalkyl, arylheteroarylalkyl, arylthio, arylthioalkyl, aryloxy, aryloxyalkyl, carbonylalkyl, carbonylheteroarylalkyl, carboxy, carboxyalkoxy, carboxyalkyl, carboxyarylalkyl, cyanoalkyl, cyanoalkynyl, cycloalkoxy, cycloalkyl, cycloalkylalkoxy, cycloalkylalkyl, cycloalkylalkylamino, cycloalkylalkynyl, dialkylamino, diheteroarylalkylaminoalkyl, halo, haloalkyl, haloalkylarylalkynyl, haloalkylhydroxyalkyl, haloarylalkyl, haloarylalkynyl, haloarylcarbonylaminoalkyl, haloheteroarylalkyl, haloheteroarylcarbonylalkyl, heteroaryl, heteroarylalkenyl, heteroarylalkyl, heteroarylalkynyl, heteroarylalkylaminoalkyl, heteroaryloxy, heteroarylhydroxyalkyl, heterocyclo, heterocycloalkoxy, heterocycloalkyl, heterocyclyloxy, heteroarylcarbonylaminoalkyl, hydroxy, hydroxyalkynyl, hydroxyalkyl, hydroxyaryl, hydroxyarylalkynyl, carboxyalkynyl, hydroxycycloalkylalkynyl, nitro, and thio; wherein:

each of aryl and aryloxy, wherever it occurs, is optionally and independently substituted with one to five substituents selected from the group consisting of alkenyl, alkoxy, alkoxycarbonyl, alkoxycarbonylalkenyl, alkoxycarbonylalkyl, alkyl, alkylcarbonyl, alkylcarbonylamino, alkylsulfonylamino, alkylthio, alkynyl, amino, aminoalkyl, aminocarbonyl, aryl, arylalkoxy, arylalkyl, aryloxy, alkanoyl, carboxy, carboxyalkenyl, carboxyalkyl, cyano, cyanoalkyl, cycloalkyl, dialkylamino, halo, haloalkoxy, haloalkyl, haloaryl, hydroxy, hydroxyalkyl, and nitro;

each heteroaryloxy is substituted with one to three substituents selected from the group consisting of alkyl, alkylthio, halo and haloalkyl;

each heteroaryl is substituted with one to three substituents selected from the group consisting of carboxy, haloalkyl, and halo; and

each heterocyclo is optionally substituted with one to three substituents selected from the group consisting of alkyl, alkoxy and oxo; and

wherein R¹ and R² together with the atoms to which they are attached optionally form a cycloalkyl ring or a heteroaryl ring; R² and R³ together with the atoms to which they are attached optionally form a cycloalkyl ring, a heterocyclo ring or a heteroaryl ring; R³ and R⁴ together with the atoms to which they are attached

optionally form a cycloalkyl ring or a heteroaryl ring; wherein the cycloalkyl ring and the heteroaryl ring are optionally substituted with one or more alkyl groups, aryl groups, haloaryl groups, arylalkyl groups or heterocyclo groups;

wherein the amount of the compound is effective for the treatment or prevention of the COX-2 mediated disorder.

29. A method of Claim 28 wherein the COX-2 mediated disorder is an inflammatory disorder.
30. A method of Claim 28 wherein the COX-2 mediated disorder is a neoplasia.
31. A method of Claim 28 wherein the COX-2 mediated disorder is an ophthalmic disorder.
32. A method of Claim 28 wherein the COX-2 mediated disorder is a cardiovascular disorder.
33. A method of Claim 28 wherein the COX-2 mediated disorder is schizophrenia.